

VIGNESH RAJ .P

Phone: +91- 7402007192, +91-9833441536

Email: vigneshraj850@gmail.com

OBJECTIVE

Achievement-Driven Professional, seeking senior level assignments in **Testing and Commissioning / Operation & Maintenance / Protection / Erection and Installation / Fabrication and Assembly** with a growth oriented organization of repute in **Manufacturing Industry** and intending to work as an **Electrical Engineer in a Core Field** and to create the potential growth for the mutual success.

PROFESSIONAL EXPERIENCE

- **Bachelor in Electrical and Electronics Engineering** with **3 Years and 0 Months** of Experience in **Electrical Field** and Co-ordination with the well - known organization in India.
- **Present Organization :** Designated as a **Assistant Manager - Production** in **GODREJ & BOYCE MFG. CO. LTD., A Godrej Group Company (Electrical and Electronics Division)** at **Bangalore (KA)**, have experience and knowledge in **Fabrication, Assembly, Testing & Commissioning of HV and LV Busducts, LV Panels like AMF, APFC, PCC, MCC.,** was the primary focus from **November 2019 to Till date.**
- **Previous Organization :** Designated as an **Electrical Engineer** in **SSM ENGINEERING** at **CHENNAI (TN)**, have experience and knowledge in Inspection of Electrical Equipments like Transformers, Motors, Generators and Power System Studies, etc., was the primary focus from **July 2019 to October 2019.**
- **Previous Organization :** As an **Electrical Engineer** in **INEL POWER SYSTEMS ENGINEERS PVT LTD., (T/C Company)** at **Hyderabad (TS)**, have experience and knowledge in **Testing and Commissioning of HV and LV Power systems, Motors, Transformers, Solar Panels, etc.,** was the primary focus from **July 2018 to June 2019.**

JOB PROFILE

- Production-Assembly Planning, Dispatch Planning, Testing and Commissioning of SPBD, NSPBD, Sandwich Busducts from 415 V to 11 kV up to 3600 A.
- Power System Studies - Short Circuit Study, Load flow Analysis,
- Testing of Protection Equipments like CT, PT, CVT, CB, ISO, Relays, Meters, LA and its Counters.

- Testing of Power Transformer (Up to 100MVA and different ratings) with Protection Schemes and their various Functional Protection Tripping.
- Testing of HT Motors with Protection Schemes and their various Functional Protection Tripping.
- High Voltage Testing for Power Cables and Bus Bars and Bus Ducts.
- Testing of Switchgear Panels, Control and Relay Panels of various sites, Substation and their overall Scheme Checking.
- Testing of various types of Relays like Feeder, Motor and Transformer Protection.
- Testing of Solar Panels (Voltage Open Circuit Test and Current Short Circuit Test).
- Testing of Busducts (IR Test, HV Test, Temperature Rise Test).

FAMILIARIZATION & HANDLING IN TESTING EQUIPMENTS

- Tan-Delta Test Kit (ACTS 12K) - Eltel.
- High Potential Test Kit (Up to 70 kV) - Prayog.
- Temp. Rise Test (Up to 5000 A) - Boosters-Kalpa, DAS-Yokogawa, Thermocouple-Heatcon.
- Analog & Digital Insulation Resistance Test Kit - Waco / Kyoritsu / Metrel.
- Contact Resistance Measurement Test Kit - Scope.
- 3 Pole Time Interval Test Kit - Scope.
- Digital Micro Ohm Meter (Up to 100 A DC) - Eltel.
- Transformer Turns Ratio Meter - Eltel.
- Transformer Winding Resistance Meter - Microdyne / Scope.
- Single Phase Automatic/Manual Relay Test Kit - Sudharsan / ISA.
- 3 Phase Secondary Injection Relay Test Kit - Omicron.
- Phantom Loading Kit (Offline Energy Meter Test Kit).
- Digital Multimeter, Clampmeter of various make like Fluke / Kyoritsu / Lutron.
- Primary Injection Test Kit - Sudharsan.
- Soil Resistivity Kit/Earth Pit Kit - Kyoritsu / Waco.

PROJECTS UNDERTAKEN

(I)FOR GODREJ & BOYCE MFG. CO LTD.,

1. Production planning, Assembly planning, Testing of SPBD, NSPBD, Sandwich Busducts for various Projects.
2. Managed work with little supervision.
3. Labor assessment for planning the workforce.
4. Shift Management and problem solving.
5. Received incoming shipments and reviewed contents against purchase orders for accuracy.
6. Testing of Busducts (IR Test, HV Test, Temperature Rise Test).
7. Follow work orders for item movements and delivery preparation.

8. Oversee proper packing of products for delivery.
9. Correctly & Efficiently move product between delivery vehicles, staging areas and Storage.

(II)FOR SSM ENGINEERING.,

1. Quality Inspection of Transformers, Motors & Generators.
2. Creating single line diagram, Hazard Area Analysis (Arc Flash Analysis) using ETAP.
3. Load Flow Analysis & Short Circuit Analysis.
4. Relay Coordination.

(III)FOR INEL POWER ENGINEERS PVT LTD.,

1. **Project :** (8×1.6 MW) NMDC INTAKE WELL PUMPHOUSE (CG).

Client : MEGHA ENGG INFRASTRUCTURES LIMITED, HYDERABAD(TS).

- Involved in Testing and Commissioning of 33/6.6 kV HT and LT Switchgears, Cables, Bus Ducts, Protection Equipments, Transformers, Auxiliary Transformers and their scheme checking.
- Involved in Testing and Commissioning of 6.6 kV HT Synchronous Motors.

2. **Project :** (8×4.7 MW) PURUSHOTHAPATNAM LIFT IRRIGATION SCHEME 1&2 (AP).

Client : MEGHA ENGG INFRASTRUCTURES LIMITED, HYDERABAD(TS).

- Involved in Testing of Indoor 11kV HT and LT Switchgears, Cables, Bus Bars, Protection Equipments and their Scheme Checking.

3. **Project :** (1 × 10 MVA) 110KV/11KV SUBSTATION, BENNUR(KA)

Client : KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.

- Involved in Testing and Commissioning of overall 110kV Switchyard, Protection Equipments and their scheme checking.
- Involved in Tan-Delta Testing of CT, PT, Power Transformer.

4. **Project :** 1 × 10 MVA 66kV/11kV SUBSTATION, MANDHYA(KA).

Client : KARNATAKA POWER TRANSMISSION CORPORATION LIMITED.

- Involved in Testing and Commissioning of overall 66kV Switchyard, Protection Equipments and their scheme checking and Hipot Testing for Over Head Lines.
- Involved in Tan-Delta Testing of CT, PT, Power Transformer.

5. **Project :** 100MW (5×20) SOLAR POWER PLANT, TADIPADRI(AP).

Client : ANDHRA PRADESH POWER GENERATION CORPORATION LIMITED.

- Involved in Testing and Commissioning of Solar Panels, 33kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

6. **Project :** 11.973 MWp 9.66 MW AC GMFT SOLAR PV PLANT , CEPL, MADURAI(TN).

Client : SOLON INDIA PRIVATE LIMITED, HYDERABAD(TS).

- Involved in Testing and Commissioning of Solar Panels, 33kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

7. Project : 3.75 MW SOLAR POWER PLANT, CHITTORGARH(RJ).

Client : BIRLA CEMENTS CORPORATION PVT LTD, CHITTORGARH(RJ).

- Involved in Testing and Commissioning of Solar Panels, 6.6kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

8. Project : 7.7 MW SOLAR POWER PLANT, RAIHAR(MP).

Client : BIRLA CEMENTS CORPORATION PVT LTD, RAIHAR(MP).

- Involved in Testing and Commissioning of Solar Panels, 11kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

9. Project : 5 MW SOLAR POWER PLANT, JHARSUGUDA(OR).

Client : ULTRA TECH CEMENTS PVT LTD, JHARSUGUDA(OR).

- Involved in Testing and Commissioning of Solar Panels, 11kV HT and LT (ICR & MCR) Switchgears, Cables, Bus Bars, Protection Equipments, Transformers and their Scheme Checking.

10. Project : ELECTRICAL MAINTENANCE.

Client : SOUTH INDIA CEMENTS PVT LTD, GULBARGA(KA).

- Involved in Testing of Indoor 6.6kV HT and LT Switchgears, Protection Equipments and their Scheme Checking.

11. Project : ELECTRICAL MAINTENANCE.

Client : NAGARJUNA AGRO CHEM LTD, SRIKAKULAM(AP).

- Involved in Testing of Indoor 11kV HT and LT Switchgears, Protection Equipments and their Scheme Checking.

12. Project : FACTORY TESTING.

Client : PETE HAMMOND TRANSFORMERS, HYDERABAD(TS).

- Involved in Tan-Delta Testing of Transformers and Bushings up to 55 MVA.

13. Testing of HT Panel, LT Panel, Power Transformers and Motors in various Sites.

ACADEMIC QUALIFICATION

School / College	Qualification	University / Board	Year of Passing	Percentage / CGPA
AAA College of Engineering and Technology.	B.E (EEE)	Anna University (TN)	2017	6.3(CGPA)
Sri Ramakrishna Mat. Hr, Sec. School	Higher Secondary	Board of Matriculation (TN)	2013	71.75%
Sri Ramakrishna Mat. Hr, Sec. School	SSLC	Board of Matriculation (TN)	2011	77%

STRENGTH

- Ability to Co-ordinate work with others.
- Willingness to continue to learn about new methods & technology.
- Good decision making & problem solving skills.
- Ability to travel and work in different places.
- Knowledge in English Typwriting.

SOFTWARE HANDLING

- Basic knowledge in ETAP (Load Flow Analysis, Short Circuit Analysis, Arc Flash Study, Motor Acceleration Analysis, Cable Pulling).
- Basic knowledge in Softwares like P-SPICE, MATLAB, MS Office, C, C++,Java.

PERSONAL INFORMATION

Name : VIGNESH RAJ .P
Father's Name : PANDIARAJ M.R.K
Date of Birth : 03-03-1996
Gender : Male.
Marital Status : Single.
Nationality : Indian.
Address : 7A, Jothi Nagar, Alangulam - 627851, Tirnelveli, TN, India.
Languages Known : Tamil, English, Telugu, Hindi.
Passport No : P7882332. (Valid up to 26 February 2027)
Driving License : Indian Light Motor Driving License with valid date.

DECLARATION

I hereby declare that the above given details are true to the best of my knowledge and belief.

Place : Alangulam.

Date :

Signature

(VIGNESH RAJ .P)